

Substitute for form 1449A/PTO

FEB 27 2003

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number 09/895,501

Filing Date 6/29/2001

First Named Inventor: Donald Craig Foster

Examiner name: D. Graybill GROUP: 2827

Sheet

1

of

1

Attorney Docket Number M-11315

U.S. PUBLISHED APPLICATION DOCUMENTS

Examiner Initials*	Cited No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Info. Appear

U.S. PATENT DOCUMENTS

Examiner Initials*	Cited No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Info. Appear
(C)		5767480		Anglin et al.	6/16/1998	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cited No. ¹	Foreign Patent Document Office ³ Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Info. Appear	T ⁶

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Gm 19

DATE CONSIDERED

5-13-3

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

U.S. Department of Commerce, Patent and Trademark Office

Atty Docket No.

Application No.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

M-11315 US

09/895,501

(Use several sheets if necessary)

Applicant(s)

Foster et al.

Filing Date

Group

June 29, 2001

2811

U.S. Patent Documents

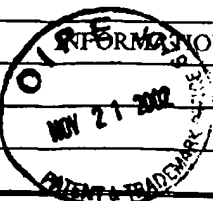
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
②	BC	6,356,453	12-Mar-02	Juskey et al.			
	BD	6,369,454	9-Apr-02	Chung			
	BE	6,389,687	21-May-02	Glenn et al.			
	BF	6,389,689	21-May-02	Heo			
	BG	6,396,043	28-May-02	Glenn et al.			
	BH	6,399,418	4-Jun-02	Glenn et al.			
	BI	6,399,463	4-Jun-02	Glenn et al.			
	BJ	6,406,934	18-Jun-02	Glenn et al.			
	BK	6,407,381	18-Jun-02	Glenn et al.			
	BL	6,407,458	18-Jun-02	Huemoeller			
	BM	6,417,576	9-Jul-02	Ellenberger et al.			
	BN	6,420,201	16-Jul-02	Webster			
	BO	6,420,776	16-Jul-02	Glenn et al.			
	BP	6,424,315	23-Jul-02	Glenn et al.			
	BQ	6,428,641	6-Aug-02	Yoon et al.			
	BR	6,432,737	13-Aug-02	Webster			
	BS	6,441,503	27-Aug-02	Webster			
	BT	6,441,504	27-Aug-02	Glenn et al.			
	BU	6,444,499	3-Sep-02	Swiss et al.			
	BV	6,448,506	10-Sep-02	Glenn et al.			
	BW	6,448,633	10-Sep-02	Yee et al.			
	BX	6,455,774	24-Sep-02	Webster			
	BY	6,455,927	24-Sep-02	Glenn et al.			
	BZ	6,459,147	1-Oct-02	Crowley et al.			
	CA	6,465,329	15-Oct-02	Glenn			
	CB	6,476,331	5-Nov-02	Kim et al.			
	CC	6,476,476	5-Nov-02	Glenn			

Examiner

Date Considered

5-13-3

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office		Atty Docket No.	Application No.
		M-11315 US	09/895,501
		Applicant(s)	
		Foster et al.	
		Filing Date	Group
		June 29, 2001	2811

U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>J</i>	AA	5,328,870	12-Jul-94	Marrs			
	AB	5,355,283	11-Oct-94	Marrs et al.			
	AC	5,378,869	3-Jan-95	Marrs et al.			
	AD	5,455,462	3-Oct-95	Marrs			
	AE	5,478,007	26-Dec-95	Marrs			
	AF	5,483,100	9-Jan-96	Marrs et al.			
	AG	5,583,378	10-Dec-96	Marrs et al.			
	AH	5,635,671	3-Jun-97	Freyman et al.			
	AI	5,641,987	24-Jun-97	Lee			
	AJ	5,701,034	23-Dec-97	Marrs			
	AK	5,722,161	3-Mar-98	Marrs			
	AL	5,829,988	3-Nov-98	McMillan et al.			
	AM	5,852,870	29-Dec-98	Freyman et al.			
	AN	5,854,511	29-Dec-98	Shin et al.			
	AO	5,864,470	26-Jan-99	Shim et al.			
	AP	5,915,169	22-Jun-99	Heo			
	AQ	5,981,314	9-Nov-99	Glenn et al.			
	AR	6,150,193	21-Nov-00	Glenn			
	AS	6,214,644	10-Apr-01	Glenn			
	AT	6,226,197	24-Jul-01	Glenn et al.			
	AU	6,228,676	8-May-01	Glenn et al.			
	AV	6,258,629	10-Jul-01	Niones et al.			
	AW	6,309,943	30-Oct-01	Glenn et al.			
	AX	6,329,606	11-Dec-01	Freyman et al.			
	AY	6,331,451	18-Dec-01	Fusaro et al.			
	AZ	6,338,985	15-Jan-02	Greenwood			
	BA	6,339,252	15-Jan-02	Niones et al.			
<i>G</i>	BB	6,342,406	29-Jan-02	Glenn et al.			

Examiner

Date Considered

5-13-3

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office

Atty Docket No.

Serial No.

M-11315 US

09/895,501

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicants

Donald Craig Foster, Kelly Robbins
McKendrick, Sr.

Filing Date

June 29, 2001

Group

2827

U.S. Patent Documents

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
AA	6,025,640	2/15/00	Yagi, et al.	257	666	
AB	6,198,171 B1	3/6/01	Huang, et al.	257	787	
AC	6,242,281 B1	6/5/01	McLellan, et al.	438	106	
AD	6,281,568 B1	8/28/01	Glenn, et al.	257	684	
AE	6,225,146 B1	5/1/01	Yamaguchi, et al.	438	123	
AF						
AG						
AH						
AI						
AJ						
AK						

Foreign Patent Documents

Document	Date	Country	Class	Subclass	Translation
AL 6-92076 w/Eng. Abstract	4/5/94	Japan	H01L	23/00	Yes No
AM 99/67821 WO	12/29/99	PCT	H01L	23/495	X
AN					
AO					
AP					

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AQ	
AR	
AS	

Examiner

Date Considered

5-13-3

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office

Sheet 1 of 2

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Atty Docket No.

M-11315 US

Serial No.

09/895,501

Applicants

Donald Craig Foster, Kelly Robbins
McKendrick, Sr.

Filing Date

June 29, 2001

Group

2827

U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
G	AA	5,864,173	1/26/99	Fogelson	257	666	
	AB	5,994,768	11/30/99	Fogelson	257	666	
	AC	6,087,204	7/11/00	Fogelson	438	123	
	AD	6,229,200 B1	5/8/01	McLellan, et al.	257	666	
	AE	5,521,429	5/28/96	Aono, et al.	257	676	
	AF	6,143,981	11/7/00	Glenn	174	52.4	
	AG	5,977,613	11/2/99	Takata, et al.	257	666	
	AH	5,859,471	1/12/99	Kuraishi, et al.	257	666	
	AI	5,977,630	11/2/99	Woodworth, et al.	257	712	
	AJ	4,707,724	11/17/87	Suzuki, et al.	357	71	
G	AK	6,130,115	10/10/00	Okumura, et al.	438	124	

Foreign Patent Documents

	Document	Date	Country	Class	Subclass	Translation	
						Yes	No
G	AL	9-8205	1/10/97	Japan	H01L	23/50	X
	AM	9-8206	1/10/97	Japan	H01L	23/50	X
	AN	9-8207	1/10/97	Japan	H01L	23/50	X
	AO	9-92775	4/4/97	Japan	H01L	23/50	X
G	AP	55-163868 w/ Eng. Abstract	12/20/80	Japan	H01L	23/48	X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AQ	"Microstructured Solder Mask by Means of Laser," IBM Technical Disclosure Bulletin, November 1993, Volume 36, Issue 11, page 589.
AR	
AS	

Examiner

Date Considered

5-13-3

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office

Atty Docket No.

Serial No.

M-11315 US

09/895,501

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicants: Donald Craig Foster, et al.

Filing Date: June 29, 2001

Group: Unknown

U.S. Patent Documents

Examiner's Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
AA	5,462,624	10/31/95	Kwon	156	257	
AB	5,723,899	03/03/98	Shin	257	666	
AC	5,864,173	01/26/99	Fogelson	257	666	
AD	5,929,513	07/27/99	Asano et al.	257	675	
AE	5,994,768	11/30/99	Fogelson	257	666	
AF	6,087,204	07/11/00	Fogelson	438	123	
AG						
AH						
AI						
AJ						
AK						
AL						

Foreign Patent Documents

Document	Date	Country	Class	Subclass	Translation
AM					Yes No
AN					
AO					
AP					

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AQ	
AR	
AS	

aminer

Date Considered

5-13-3

AMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office

Atty Docket No.

Serial No.

M-11315 US

09/895,501

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Applicants: Donald Craig Foster and

(Use several sheets if necessary)

Kelly Robbins McKendrick, Sr.

Filing Date: 6/29/01

Group

U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<u>G</u>	AA	5,521,429	05/28/96	Aono et al.	257	676	
	AB	5,977,630	11/02/99	Woodworth et al.	257	712	
	AC	6,025,640	02/15/00	Yagi et al.	257	666	
	AD	6,130,115	10/10/00	Okumura et al.	438	124	
	AE	6,143,981	11/07/00	Glenn	174	52.4	
	AF	6,198,171 B1	03/06/01	Huang et al.	257	787	
	AH	6,225,146 B1	05/01/01	Yamaguchi et al.	438	123	
	AG	6,229,200 B1	05/08/01	McLellan et al.	257	666	
	AI	6,242,281 B1	06/05/01	McLellan et al.	438	106	
<u>G</u>	AJ	6,281,568 B1	08/28/01	Glenn et al.	257	684	

Foreign Patent Documents

							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
<u>G</u>	AK	59-227143	12/20/84	Japan			X	
	AL	60-195957	10/04/85	Japan			X	
	AM	DE19734794A1	07/16/98	Germany				X
	AN	EP0794572A2	10/09/97	Europe			X	
	AO	7-312405	11/28/95	Japan			X	
	AP	8-125066	05/17/96	Japan			X	
	AQ	8-306853	11/22/96	Japan			X	
	AR	9-8205	01/10/97	Japan			X	
	AS	9-8206	01/10/97	Japan			X	
	AT	9-8207	01/10/97	Japan			X	
<u>G</u>	AU	9-92775	04/04/97	Japan			X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AV

+Examiner

Date Considered

5-13-3

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.